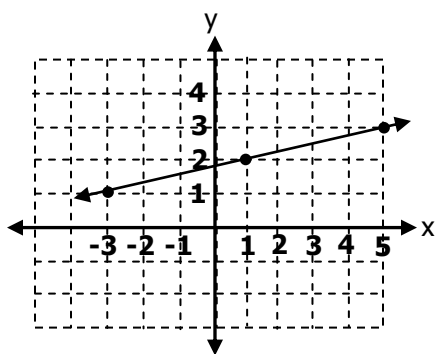
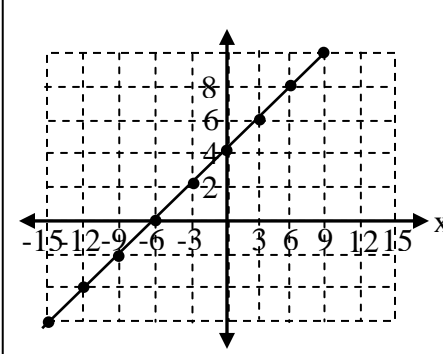
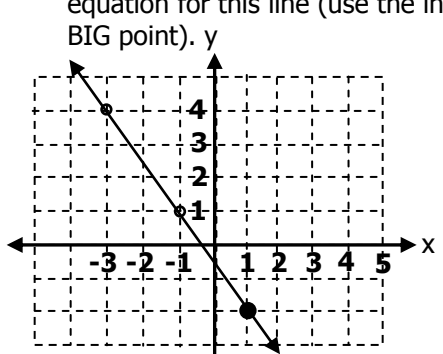


COORDINATE GEOMETRY REVIEW: Lines & Slopes

Name: \_\_\_\_\_

Find the correct answers at the right; write the given word in the appropriate box below.

1. Find the slope of the line through the following points: <table><tr><td>x</td><td>2</td><td>3</td><td>5</td><td>7</td></tr><tr><td>y</td><td>16</td><td>12</td><td>4</td><td>-4</td></tr></table>	x	2	3	5	7	y	16	12	4	-4	2. Find the slope of the line through the points (1, 8) and (5, 18)	3. Find the slope of the line through the points (9, 5) and (9, 12)	<b>Answer Bank</b> body    2/3  long    1/4  are    5/2  letters y+2=(-3/2)(x-1)  feet y-2=(3/2)(x+1)  parts    -4  are    9/4  there    -1/7  only    undefined  many    0  human    1/2  three    (-9, 2)  ten    -5  that    y = 3x - 4  because y = 3x + 5
x	2	3	5	7									
y	16	12	4	-4									
4. What point on the line is "shown" in this point-slope equation:  y - 2 = 2/3 (x + 9)	5. Find the slope-intercept form of the line equation of a line that goes through (3, 5) and (6, 14)	6. What is the slope of the line given by the standard form of the line equation: 4y - 2x = 5?											
A line that is perpendicular to the line y = 7x + 1 has slope _____.	8. A line that is perpendicular to the line 4x + 9y = 8 has slope _____.	9. A line that is parallel to the line y + 6 = -5(x - 7) has slope _____.											
10. Find the slope of this line: 	11. Find the slope of this line: 	12. Find the point-slope form of the line equation for this line (use the indicated BIG point). y 											

7	2	9	6	11	1	5	8	3	4	12	10
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